BRUHAT BANGALORE MAHANAGARA PALIKE

PWD FORM - 45 (WORK SLIP)

Name of Work: Package No. 01 (Package Consists of 3 Works of Ward No. 09.

Name of Agency: Sri Aswathnagarayana, # 38, Chanappa Layout, Sharadhambanagara, Jalahalli Village, Bangalore - 560013.

Estimated Cost: 2,00,00,000.00

Tender Amount : Rs. 1,85,80,252.47

Work Order No. BBMP/EE/BTP/WO/135/2020-21 Dated: 18-11-2020

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2015-16+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement	Cum	2.52	660.22	1663.75	2.52	660.00	1663.20	2.52	2.52	660.00	1663.20	0.00	0.00	0.00	1663.00	0.20		
2	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly	Cum	2092.46	207.60	434394.70	2092.46	300.00	627738.00	2230.10	2230.10	300.00	669030.00	0.00	0.00	0.00	669030.00		41292.00	
3	Removing and refixing stone slabs of drains and pointing in CM (1:3) . complete as per specifications and directions of the Engineer in	Sqm	413.51	111.30	46023.66	413.51	150.00	62026.50	323.51	323.51	150.00	48526.50	0.00	0.00	0.00	48527.00	13499.50		
4	Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded	Cum	322.98	5509.35	1779409.86	322.98	5550.00	1792539.00	303.07	303.07	5550.00	1682038.50	0.00	0.00	0.00	1682039.00	110500.00		
5	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm	Cum	502.44	7189.45	3612267.26	502.44	7500.00	3768300.00	582.00	582.00	7500.00	4365000.00	0.00	0.00	0.00	4365000.00		596700.00	
6	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal	Cum	19.68	5842.72	114984.73	19.68	5842.00	114970.56	12.80	12.80	5842.00	74777.60	0.00	0.00	0.00	74778.00	40192.56		
7	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in	tonne	30.94	72326.98	2237796.76	30.94	80000.00	2475200.00	35.16	35.16	80000.00	2812800.00	0.00	0.00	0.00	2812800.00		337600.00	
8	Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not	Cum	12.35	4871.76	60166.24	12.35	6000.00	74100.00	66.72	15.44	6000.00	92640.00	51.28	5114.37	262264.89	354905.00		280805.00	
9	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form	Sqm	1084.95	2337.00	2535528.15	1084.95	2337.00	2535528.15	904.83	904.83	2337.00	2114587.71	0.00	0.00	0.00	2114588.00	420940.15		
10	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement	Sqm	181.50	5418.00	983367.00	181.50	5418.00	983367.00	92.52	92.52	5418.00	501273.36	0.00	0.00	0.00	501273.00	482094.00		

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2015-16+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
11	Providing and laying 100mm thick pre-cast cover slabs over drains of width not exceeding 800mm using M20 concrete reinforced with steel	m	161.00	1145.86	184483.46	161.00	1145.00	184345.00	74.40	74.40	1145.00	85188.00	0.00	0.00	0.00	85188.00	99157.00		
12	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm	Nos	2071	432.48	895666.08	2071.00	500.00	1035500.00	2241.00	2241.00	500.00	1120500.00	0.00	0.00	0.00	1120500.00		85000.00	
13	Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including	Sqm	372.80	39.22	14621.22	372.80	39.00	14539.20	403.32	403.32	39.00	15729.48	0.00	0.00	0.00	15729.00		1189.80	
14	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with	Sqm	372.80	84.80	31613.44	372.80	84.00	31315.20	403.32	403.32	84.00	33878.88	0.00	0.00	0.00	33879.00		2563.80	
15	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side	Cum	336.92	56.26	18955.12	336.92	56.00	18867.52	336.92	336.92	56.00	18867.52	0.00	0.00	0.00	18868.00		0.48	
16	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier	Sqm	1192.00	41.34	49277.28	1192.00	41.00	48872.00	1192.00	1192.00	41.00	48872.00	0.00	0.00	0.00	48872.00	0.00		
17	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates	Cum	30.60	1994.92	61035.57	30.60	1994.00	61007.43	30.60	30.60	1994.00	61016.40	0.00	0.00	0.00	61016.00		8.57	
18	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour,	Sqm	1192.00	6.36	7581.12	1192.00	7.00	8344.00	1192.00	1192.00	7.00	8344.00	0.00	0.00	0.00	8344.00	0.00		
19	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications	Cum	421.18	2001.28	842899.11	421.18	2001.00	842781.18	421.18	421.18	2001.00	842781.18	0.00	0.00	0.00	842781.00	0.18		
20	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of	Sqm	2478.34	28.62	70930.09	2478.34	28.00	69393.52	2478.34	2478.34	28.00	69393.52	0.00	0.00	0.00	69394.00		0.48	
21	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to	Sqm	6938.98	5.30	36776.59	6938.98	5.00	34694.90	6938.98	6938.98	5.00	34694.90	0.00	0.00	0.00	34695.00		0.10	
22	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm,	Sqm	6938.98	12.72	88263.83	6938.98	12.00	83267.76	6938.98	6938.98	12.00	83267.76	0.00	0.00	0.00	83268.00		0.24	

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2015-16+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
23	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade	Cum	103.00	6597.44	679536.32	103.00	6597.00	679491.00	102.99	102.99	6597.00	679425.03	0.00	0.00	0.00	679425.00	66.00		
24	Providing and laying Bituminous Concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with	Cum	305.14	7753.90	2366025.05	305.14	8155.00	2488416.70	305.14	305.14	8155.00	2488416.70	0.00	0.00	0.00	2488417.00		0.30	
25	.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete	Sqm	248.38	454.74	112948.32	248.38	454.00	112764.52	248.38	248.38	454.00	112764.52	0.00	0.00	0.00	112765.00		0.48	
26	Cement concrete pavement.Construction of un-reinforced plain cement concrete for pavement, using a grade	Cum	80.54	5354.06	431215.99	80.54	5354.00	431211.16	46.96	46.96	5354.00	251423.84	0.00	0.00	0.00	251424.00	179787.16		
																18579168.00		**1345161.25**	
	Sub Total				17697430.70														
	GST @ 12%				2123691.68														
	1% Third Party Inspection Charges				176974.31														
	Miscelaneous and unforgen	LS			1903.00														
	Total				**20000000.00**			**18580243.50**								**18579168.00**	**1346236.75**	**1345161.25**	

0.006 Below

Percentage Excess = (1345161.25 / 18580243.50) x100 = **7.24%**

Approved Tender Amount

SUMMARY:

1. **Estimated Cost : Rs. 200.00 Lakhs**
2. **Tender Cost : Rs. 185.80 Lakhs**
3. **Work Slip Amount Rs. 13,45,161.25 = 7.24 % of the Tender Amount**
4. **During execution as per requirement and site condition, the total Qty to be executed costs Rs. 185.79 Lakhs which is 0.006% BELOW the Tender cost. The proposal may kindly be approved.**

Assistant Engineer
Ward No. 09

"WORK SLIP APPROVED"

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

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Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division, Bangalore - 92